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## Systems and Methods for a Navigational Device with Improved Route Calculation Capabilities

### Abstract of the Disclosure

5        Systems, devices and methods are provided for an improved navigational  
route planning device which provides more understandable, accurate and timely  
route calculation capabilities. The navigational aid device with route calculation  
capabilities includes a processor connected to a memory. The memory includes  
10 cartographic data and a desired destination, the cartographic data including data  
indicative of thoroughfares of a plurality of types. A display is connected to the  
processor and is capable of displaying the cartographic data. The device is adapted  
to calculate a route to navigate to the desired destination. And, the device is adapted  
to adjust a starting point for the route calculation to an appropriate location such that  
the device is on the route at a time when the route calculation is completed. The  
15 device processes travel along the route, recognizes when the device has deviated  
from the route, and calculates a new route to navigate to the desired destination.